UNITED STATES SECURITIES AND EXCHANGE COMMISSION

Washington, D.C. 20549

FORM 6-K

Report of Foreign Private Issuer Pursuant to Rule 13a-16 or 15d-16 under the Securities Exchange Act of 1934

For the Month of June, 2011

1-15240 (Commission File Number)

JAMES HARDIE INDUSTRIES SE

(Translation of registrant's name into English)

Second Floor, Europa House Harcourt Centre, Harcourt Street Dublin 2, Ireland (Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover Form 20-F or Form 40-F.

Form 20-F **☑** Form 40-F **□**

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): Not Applicable

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): Not Applicable

Indicate by check mark whether the registrant by furnishing the information contained in this Form is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934.

Yes □ No ☑

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): Not Applicable

TABLE OF CONTENTS

Safe Harbor Statement
Exhibit Index
Signatures
EX-99.1
EX-99.2

Table of Contents

Safe Harbor Statements

This 6K contains forward-looking statements. James Hardie may from time to time make forward-looking statements in its periodic reports filed with or furnished to the United States Securities and Exchange Commission on Forms 20-F and 6-K, in the annual reports to shareholders, in offering circulars, invitation memoranda and prospectuses, in media releases and other written materials and in oral statements made by the company's officers, directors or employees to analysts, institutional investors, existing and potential lenders, representatives of the media and others. Statements that are not historical facts are forward-looking statements and such forward-looking statements are statements made pursuant to the Safe Harbour Provisions of the Private Securities Litigation Reform Act of 1995. Examples of forward-looking statements include:

- statements about the company's future performance;
- projections of the company's results of operations or financial condition;
- statements regarding the company's plans, objectives or goals, including those relating to its strategies, initiatives, competition, acquisitions, dispositions and/or its products:
- expectations concerning the costs associated with the suspension or closure of operations at any of the company's plants and future plans with respect to any such plants;
- expectations that the company's credit facilities will be extended or renewed;
- expectations concerning dividend payments and share buyback;
- statements concerning the company's corporate and tax domiciles and potential changes to them, including potential tax charges;
- statements regarding tax liabilities and related audits, reviews and proceedings;
- statements as to the possible consequences of proceedings brought against the company and certain of its former directors and officers by the ASIC;
- expectations about the timing and amount of contributions to AICF, a special purpose fund for the compensation of proven Australian asbestos-related personal
 injury and death claims;
- expectations concerning indemnification obligations;
- statements about product or environmental liabilities; and
- statements about economic conditions, such as economic or housing recovery, the levels of new home construction, unemployment levels, changes or stability in housing values, the availability of mortgages and other financing, mortgage and other interest rates, housing affordability and supply, the levels of foreclosures and home resales, currency exchange rates and consumer confidence.

Words such as "believe," "anticipate," "plan," "expect," "intend," "target," "estimate," "project," "forecast," "forecast," "guideline," "aim," "will," "should," "continue" and similar expressions are intended to identify forward-looking statements but are not the exclusive means of identifying such statements. Readers are cautioned not to place undue reliance on these forward-looking statements and all such forward-looking statements are qualified in their entirety by reference to the following cautionary statements.

Forward-looking statements are based on the company's current expectations, estimates and assumptions and because forward-looking statements address future results, events and conditions, they, by their very nature, involve inherent risks and uncertainties, many of which are unforeseeable and beyond the company's control. Such known and unknown risks, uncertainties and other factors may cause the company's actual results, performance or other achievements to differ materially from the anticipated results, performance or achievements expressed, projected or implied by these forward-looking statements. These factors, some of which are discussed under "Key Information — Risk Factors" beginning on page 6 of the Form 20-F filed with the US Securities and Exchange Commission on 30 June 2010, include, but are not limited to: all matters relating to or arising out of the prior manufacture of products that contained asbestos by current and former James Hardie subsidiaries; required contributions to AICF, any shortfall in AICF and the effect of currency exchange rate movements on the amount recorded in the company's financial statements as an asbestos liability; governmental loan facility to AICF; compliance with and changes in tax laws and treatments; competition and product pricing in the markets in which the company operates; seasonal fluctuations in the demand for our products; the consequences of product failures or defects; exposure to environmental, asbestos or other legal proceedings; general economic and market conditions; the supply and cost of raw materials; the success of research and development efforts; the potential that competitors could copy our products; reliance on a small number of customers; a customer's inability to pay; compliance with and changes in environmental and health and safety laws; risks of conducting business internationally; compliance with and changes in laws and regulations; the effect of the company's transfer of its corporate domicile from The Netherlands to Ireland to become an Irish SE including employee relations, changes in corporate governance, potential tax benefits and the effect of any negative publicity; currency exchange risks; the concentration of the company's customer base on large format retail customers, distributors and dealers; the effect of natural disasters; changes in the company's key management personnel; inherent limitations on internal controls; use of accounting estimates; and all other risks identified in the company's reports filed with Australian, Irish and US securities agencies and exchanges (as appropriate). The company cautions that the foregoing list of factors is not exhaustive and that other risks and uncertainties may cause actual results to differ materially from those in forward-looking statements. Forward-looking statements speak only as of the date they are made and are statements of the company's current expectations concerning future results, events and conditions.

EXHIBIT INDEX

Exhibit No.	Description
99.1	Appendix 3B
99.2	Appendix 3Y — L Gries
	4

Table of Contents

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

James Hardie Industries SE

Date: Friday, 3 June 2011

By: /s/ Marcin Firek
Marcin Firek
Company Secretary

5

Table of Contents

EXHIBIT INDEX

99.1 Appendix 3B	
99.2 Appendix 3Y — L Gries	

New Issue Announcement

Rule 2.7, 3.10.3, 3.10.4, 3.10.5

Appendix 3B

New issue announcement, application for quotation of additional securities and agreement

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public. Introduced 1/7/96. Origin: Appendix 5. Amended 1/7/98, 1/9/99, 1/7/2000, 30/9/2001, 11/3/2002, 1/1/2003, 24/10/2005.

Name of entity

James Hardie Industries SE

ARBN

097 829 895 Incorporated in Ireland. The liability of members is limited.

We (the entity) give ASX the following information.

Part 1 — All issues

You must complete the relevant sections (attach sheets if there is not enough space).

1	⁺ Class of ⁺ securities issued or to be issued	Ordinary shares/CUFS
2	Number of *securities issued or to be issued (if known) or maximum number which may be issued	Restricted Stock Units Vesting: 925,024 ordinary shares/CUFS
3	Principal terms of the +securities (e.g. if options, exercise price and expiry date; if partly paid +securities, the amount outstanding and due dates for payment; if +convertible securities, the conversion price and dates for conversion)	Restricted Stock Units Vesting: 925,024 ordinary shares/CUFS issued on exercise of RSUs

James Hardie Industries SE

+ See chapter 19 for defined terms

Appendix 3B

New Issue Announcement

Do the +securities rank equally in all respects from the date of allotment with Yes, rank equally with issued ordinary shares/CUFS an existing +class of quoted +securities? If the additional securities do not rank equally, please state: · the date from which they do the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment 5 Issue price or consideration Vesting of Restricted Stock Units: 925,024. No amount payable 6 Purpose of the issue Vesting of Restricted Stock Units (If issued as consideration for the acquisition of assets, clearly identify those 7 Dates of entering +securities into uncertificated holdings or despatch of 30 May 2011 certificates Number +Class

Number and +class of all +securities quoted on ASX (including the securities in clause 2 if applicable)

Number +Class

437,311,611

Ordinary shares/ CUFS

James Hardie Industries SE

+ See chapter 19 for defined terms

10

Appendix 3B New Issue Announcement

	Number	+Class
9 Number and +class of all +securities not quoted on ASX (including the securities in clause 2 if applicable)	11,355,295 4,018,780	Options Restricted Stock Units
	The following Stock Options have been cancelled:	
	80,000 at \$7.05 87,700 at \$8.40 155,000 at \$8.90	
	168,034 Restricted Stock Units have also been cancelled.	

Dividend policy (in the case of a trust, distribution policy) on the increased capital (interests)

Rank for dividends equally with issued ordinary shares/CUFS

Part 2 — Bonus issue or pro rata issue

11	Is security holder approval required?	Not applicable
12	Is the issue renounceable or non-renounceable?	Not applicable
13	Ratio in which the +securities will be offered	Not applicable
14	+Class of +securities to which the offer relates	Not applicable
15	+Record date to determine entitlements	Not applicable
16	Will holdings on different registers (or subregisters) be aggregated for calculating entitlements?	Not applicable
17	Policy for deciding entitlements in relation to fractions	Not applicable

James Hardie Industries SE

+ See chapter 19 for defined terms

Appendix 3B New Issue Announcement

18	Names of countries in which the entity has +security holders who will not be sent new issue documents	Not applicable
	Note: Security holders must be told how their entitlements are to be dealt with.	
	Cross reference: rule 7.7.	
19	Closing date for receipt of acceptances or renunciations	Not applicable
20	Names of any underwriters	Not applicable
21	Amount of any underwriting fee or commission	Not applicable
22	Names of any brokers to the issue	Not applicable
23	Fee or commission payable to the broker to the issue	Not applicable
24	Amount of any handling fee payable to brokers who lodge acceptances or	N. P. H.
Z 4	renunciations on behalf of +security holders	Not applicable
	,	
25	If the issue is contingent on +security holders' approval, the date of the meeting	Not applicable
26	Date entitlement and acceptance form and prospectus or Product Disclosure	Not applicable
	Statement will be sent to persons entitled	
27	If the entity has issued options, and the terms entitle option holders to	Not applicable
	participate on exercise, the date on which notices will be sent to option holders	·····rr
20	Detection to the could be significant to the	
28	Date rights trading will begin (if applicable)	Not applicable

James Hardie Industries SE

+ See chapter 19 for defined terms

Appendix 3B New Issue Announcement

29	Date ri	ights trading will end (if applicable)	Not applicable	
30	How d	lo +security holders sell their entitlements in full through a broker?	Not applicable	
31		to *security holders sell <i>part</i> of their entitlements through a broker and for the balance?	Not applicable	
32	How d	lo +security holders dispose of their entitlements (except by sale through er)?	Not applicable	
33	+Despa	atch date	Not applicable	
Part	3 —	Quotation of securities		
You n	eed only	complete this section if you are applying for quotation of securities		
34	Type of	e)		
(a)	\checkmark	Securities described in Part 1		
(b)		All other securities		
	Example: restricted securities at the end of the escrowed period, partly paid securities that become fully paid, employee incentive share securities when restriction ends, securities issued on expiry or conversion of convertible securities			
Entit	ies tha	t have ticked box 34(a)		
Additi	onal se	curities forming a new class of securities		
Tick to	Tick to indicate you are providing the information or documents			
35	If the *securities are *equity securities, the names of the 20 largest holders of the additional *securities, and the number and percentage of additional *securities held by those holders			
36	If the +securities are +equity securities, a distribution schedule of the additional+securities setting out the number of holders in the categories $1-1,000$ $1,001-5,000$ $5,001-10,000$ $10,001-100,000$ $100,001$ and over			
James	Hardie	Industries SE		
+ See	chapter	19 for defined terms		
			Appendix 3B — Page 5	

Appendix 3B New Issue Announcement

37	A copy of any trust deed for the additional securities			
Entities	s that have ticked box 34(b)			
38	Number of securities for which +quotation is sought			
39	Class of +securities for which quotation is sought			
40	Do the +securities rank equally in all respects from the date of allotment with an existing +class of quoted +securities? If the additional securities do not rank equally, please state: • the date from which they do			
	the extent to which they participate for the next dividend, (in the case of a trust, distribution) or interest payment the extent to which they do not rank equally, other than in relation to the next dividend, distribution or interest payment			
41	Reason for request for quotation now			
	Example: In the case of restricted securities, end of restriction period			
	(if issued upon conversion of another security, clearly identify that other security)			
42	Number and \pm class of all \pm securities quoted on ASX (including the securities in clause 38)	Number	+Class	
James	James Hardie Industries SE			
_				

+ See chapter 19 for defined terms

Appendix 3B

New issue announcement

Quotation agreement

- [†]Quotation of our additional *securities is in ASX's absolute discretion. ASX may quote the *securities on any conditions it decides.
- 2 We warrant the following to ASX.
 - The issue of the +securities to be quoted complies with the law and is not for an illegal purpose.
 - There is no reason why those+securities should not be granted+quotation.
 - An offer of the +securities for sale within 12 months after their issue will not require disclosure under section 707(3) or section 1012C(6) of the Corporations Act.
 - Note: An entity may need to obtain appropriate warranties from subscribers for the securities in order to be able to give this warranty
 - Section 724 or section 1016E of the Corporations Act does not apply to any applications received by us in relation to any +securities to be quoted and that no-one has any right to return any +securities to be quoted under sections 737, 738 or 1016F of the Corporations Act at the time that we request that the +securities be quoted.
 - If we are a trust, we warrant that no person has the right to return the+securities to be quoted under section 1019B of the Corporations Act at the time that we request that the +securities be quoted.
- We will indemnify ASX to the fullest extent permitted by law in respect of any claim, action or expense arising from or connected with any breach of the warranties in this agreement.
- We give ASX the information and documents required by this form. If any information or document not available now, will give it to ASX before+quotation of the +securities begins. We acknowledge that ASX is relying on the information and documents. We warrant that they are (will be) true and complete.

Sign here:	/s/ Marcin Firek	Date: 30 May 2011
C		•

Company Secretary

Print name: Marcin Firek

James Hardie Industries SE

+ See chapter 19 for defined terms

Rule 3.19A.2

Appendix 3Y

Change of Director's Interest Notice

Information or documents not available now must be given to ASX as soon as available. Information and documents given to ASX become ASX's property and may be made public.

Introduced 30/09/01 Amended 01/01/11

Name of entity	James Hardie Industries SE
ARBN	097 829 895

We (the entity) give ASX the following information under listing rule 3.19A.2 and as agent for the director for the purposes of section 205G of the Corporations Act.

Name of Director	Louis GRIES
Date of last notice	14 March 2011

Part 1 — Change of director's relevant interests in securities

In the case of a trust, this includes interests in the trust made available by the responsible entity of the trust

Note: In the case of a company, interests which come within paragraph (i) of the definition of "notifiable interest of a director" should be disclosed in this part.

Direct or indirect interest	Direct
Nature of indirect interest	Not applicable
(including registered holder)	
Note: Provide details of the circumstances giving rise to the relevant	
interest.	
Date of change	30 May 2011
No. of securities held prior to change	• 298,543 ordinary shares/CUFS registered in the name of the Director; and
	• 2,328,000 options over unissued ordinary shares/CUFS comprising:
	 650,000 options under the 2001 Equity Incentive Plan;
	860,000 options (ROCE) under the 2006 JHISE Long Term Incentive Plan; and
	818,000 options (TSR) under the 2006 JHISE Long Term Incentive Plan.
Class	Ordinary shares/CUFS

⁺ See chapter 19 for defined terms.

01/01/2011 Appendix 3Y Page 1

Appendix 3Y Change of Director's Interest Notice

Number acquired	487,446 ordinary shares/CUFS
Number disposed	207,065 ordinary shares/CUFS
Value/Consideration	Vesting of Executive Incentive Program RSUs — Nil
Note: If consideration is non-cash, provide details and estimated valuation	Sale of Executive Incentive Program RSUs - \$1,188,246.64
No. of securities held after change	 578,924 ordinary shares/CUFS registered in the name of the Director; and 2,328,000 options over unissued ordinary shares/CUFS comprising: 650,000 options under the 2001 Equity Incentive Plan; 860,000 options (ROCE) under the 2006 JHISE Long Term Incentive Plan; and 818,000 options (TSR) under the 2006 JHISE Long Term Incentive Plan.
Nature of change Example: on-market trade, off-market trade, exercise of options, issue of securities under dividend reinvestment plan, participation in buy-back	Shares issued pursuant to vesting of Executive Incentive Plan RSUs. The disposal of some of the shares is required to fund US State and Federal withholding tax obligations (which are payable on vesting of RSUs).

Part 2 — Change of director's interests in contracts

Note: In the case of a company, interests which come within paragraph (ii) of the definition of "notifiable interest of a director" should be disclosed in this part.

Detail of contract	Not applicable
Nature of interest	Restricted Stock Units (RSUs) are contractual entitlements to issued ordinary shares/CUFS upon
	satisfaction of certain conditions.
Name of registered holder (if issued securities)	Louis Gries
Date of change	30 May 2011
No. and class of securities to which interest related	1,452,609 Relative TSR RSUs; and
prior to change	847,713 Executive Incentive Program RSUs.
Note: Details are only required for a contract in relation to	
which the interest has changed	

⁺ See chapter 19 for defined terms.

Appendix 3Y Page 2 01/01/2011

Interest acquired	Not applicable
Interest disposed	487,446 Executive Incentive Plan RSUs vested on 30 May 2011.
Value/Consideration	No cash consideration was paid to exercise the Restricted Stock Units.
Note: If consideration is non-cash, provide details and an	
estimated valuation	
Interest after change	Current interests in contracts are:
	1,452,609 Relative TSR RSUs; and
	360,267 Executive Incentive Program RSUs.

Part 3 — +Closed period

Were the interests in the securities or contracts detailed above traded during a +closed period where prior written clearance was required?	No
If so, was prior written clearance provided to allow the trade to proceed during this period?	Not applicable
If prior written clearance was provided, on what date was this provided?	Not applicable

⁺ See chapter 19 for defined terms.

01/01/2011 Appendix 3Y Page 3